



Traffic Safety Facts California 2003-2007



This Report Contains Data From the Following Sources:
Fatality Data - NCSA Fatality Analysis Reporting System (FARS)
FARS Data: 2003-2006 Final File and 2007 Annual Report File (ARF)
Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the California State Survey
Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)
Population Data - U.S. Bureau of the Census



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Fatality Rates: California , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	California	4,224	323,592	1.31	35,376,833	11.94
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	California	4,120	328,917	1.25	35,721,991	11.53
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	California	4,333	329,267	1.32	35,990,312	12.04
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	California	4,240	327,478	1.29	36,249,872	11.70
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	California	3,974			36,553,215	10.87
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

*State (or States) With Lowest Rates: [Lowest VMT and Population Rates Could Be in Different States](#)

[2007 State Vehicle Miles Traveled \(VMT\) Data is Currently Not Available. 2007 National VMT is a Preliminary Estimate and Subject to Change](#)

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Alcohol-Related Fatalities: California , U.S. and Best State (Old Definition)

Year		Total Fatalities in all Crashes	Alcohol-Related Fatalities**				Alcohol-Related Fatalities (BAC = .08+) Per 100 Million VMT
			BAC = .01+		BAC = .08+		
			Number	Percent	Number	Percent	
2003	California	4,224	1,629	39	1,377	33	0.43
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	California	4,120	1,667	40	1,390	34	0.42
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	California	4,333	1,769	41	1,505	35	0.46
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	California	4,240	1,762	42	1,495	35	0.46
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	California	3,974	1,616	41	1,353	34	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers, Motorcycle Riders, Pedalcyclists and Pedestrians

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Alcohol-Impaired Driving Fatalities: California , U.S. and Best State (New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)**		Alcohol-Impaired Driving Fatalities (BAC = .08+) Per 100 Million VMT
			Number	Percent	
2003	California	4,224	1,149	27	0.35
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	California	4,120	1,179	29	0.36
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	California	4,333	1,298	30	0.39
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	California	4,240	1,272	30	0.39
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	California	3,974	1,155	29	
	US	41,059	12,998	32	0.43
	Best State*			17	

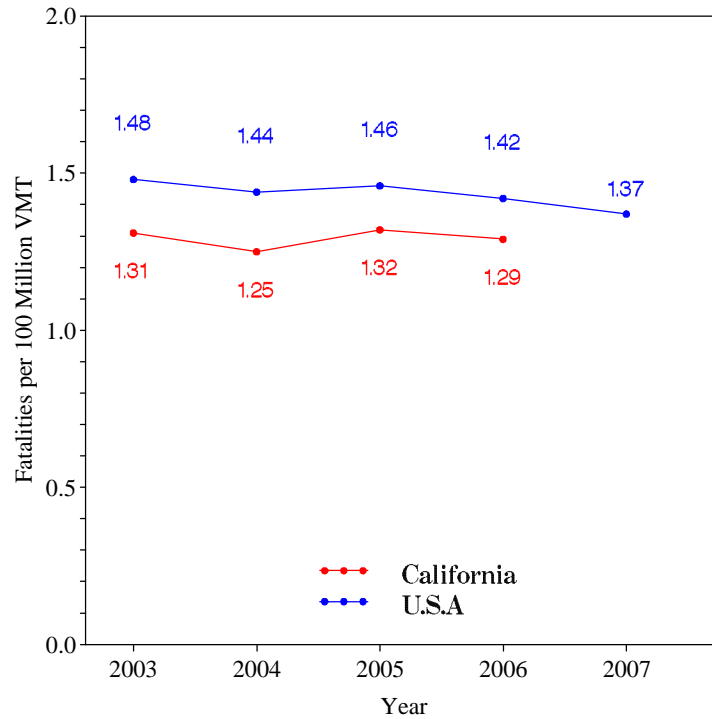
*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers and Motorcycle Riders Only

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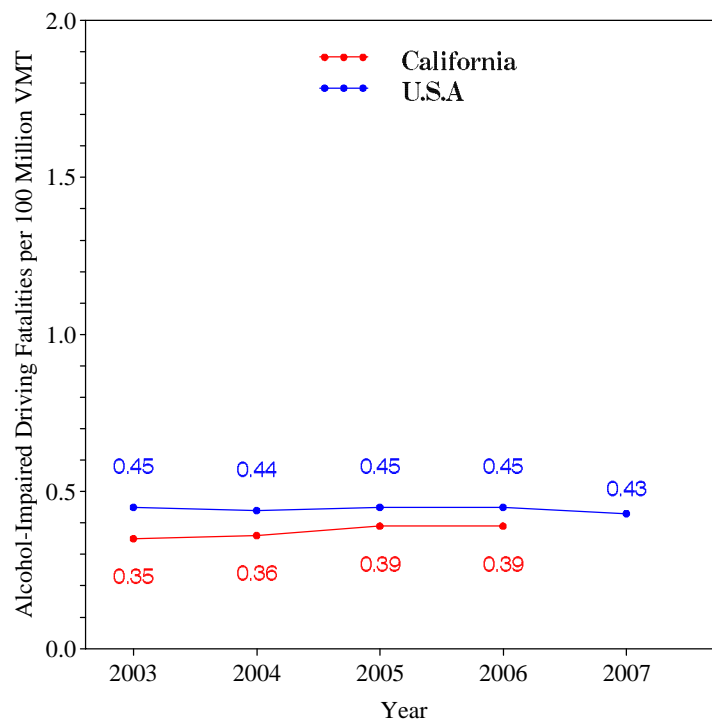


Fatalities per 100 Million VMT: California and U.S



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Alcohol-Impaired Driving Fatalities per 100 Million VMT: California and U.S



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Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: California , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	California	1,077	370	34	1,806	1,614	89	2,883	1,984	69
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	California	1,069	391	37	1,822	1,633	90	2,891	2,024	70
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	California	1,137	364	32	1,841	1,564	85	2,978	1,928	65
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	California	1,084	342	32	1,866	1,687	90	2,950	2,029	69
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	California	996	342	34	1,802	1,515	84	2,798	1,857	66
	US	47,786	9,975	21	31,867	20,261	64	79,653	30,236	38
	Best State*			84			97			86

*State (or States) With Highest Percents: Highest Percents Could Be in Different States

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Passenger Vehicle Occupant Fatalities by Restraint Use: California , U.S. and Best State

Year		Total Passenger Vehicle Occupant Fatalities	Total Passenger Vehicle Occupant Fatalities Restrained**		Observed Passenger Vehicle Occupant Restraint Use in all Traffic***
		Number	Number	Percent	Percent
2003	California	2,937	1,716	58	91
	US	32,271	14,075	44	79
	Best State*			64	95
2004	California	2,786	1,652	59	90
	US	31,866	14,225	45	80
	Best State*			68	95
2005	California	2,897	1,802	62	93
	US	31,549	14,061	45	82
	Best State*			68	95
2006	California	2,762	1,736	63	93
	US	30,686	13,760	45	81
	Best State*			66	96
2007	California	2,595	1,649	64	95
	US	28,933	13,306	46	82
	Best State*			64	98

*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

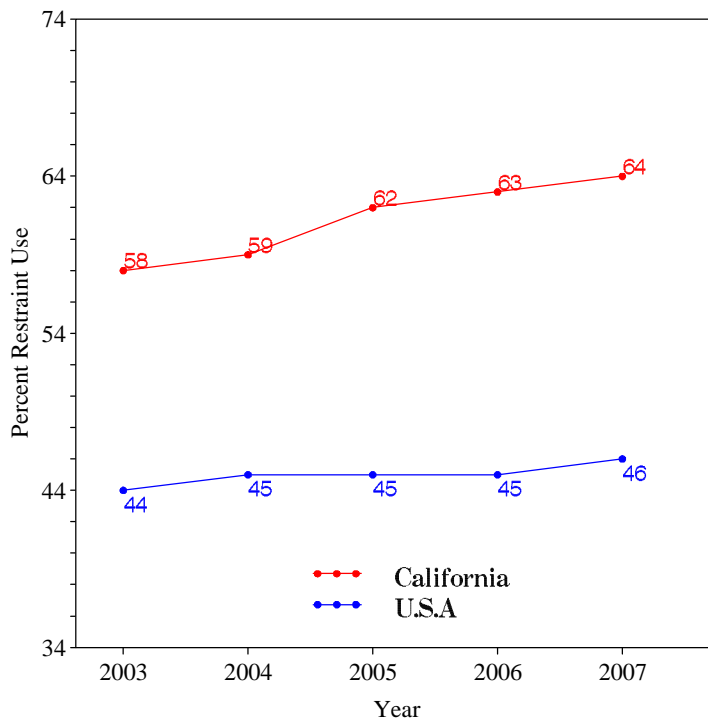
**Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

***USA Data: National Occupant Protection Use Survey. California Data: State Survey

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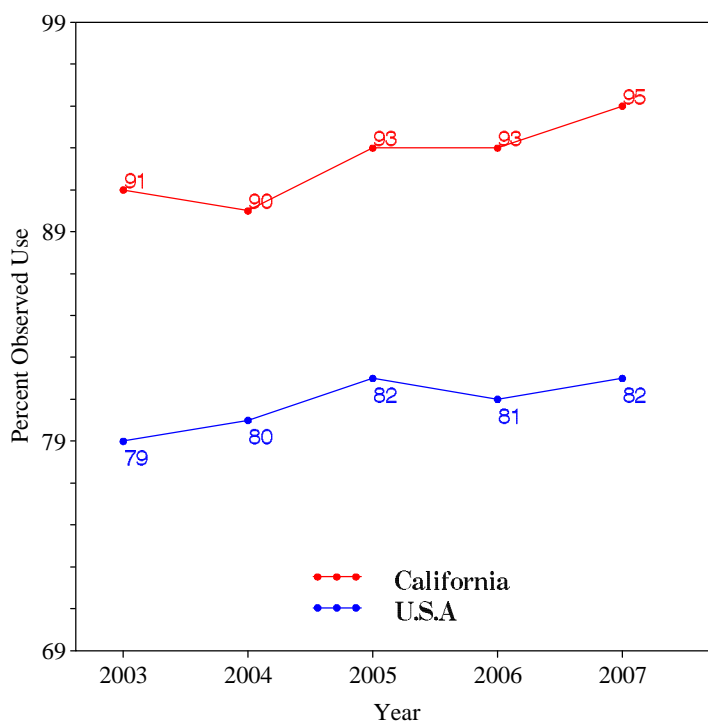


Passenger Vehicle Occupant Fatalities by Percent Restraint Use: California and U.S



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Passenger Vehicle Occupants by Percent Restraint Use Observed: California and U.S



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Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged 5 and Above*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	2,885	1,678	1,207	1,776	302
2004	2,743	1,624	1,119	1,765	324
2005	2,847	1,774	1,073	1,951	267
2006	2,710	1,698	1,012	1,888	316
2007	2,546	1,613	933	1,791	196

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

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Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged Under 5*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	50	36	14	3	9
2004	40	27	13	36	9
2005	47	27	20	39	13
2006	50	36	14	52	9
2007	48	35	13	52	

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

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Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Motorcycle Rider Fatalities*			Motorcycle Rider Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	383	328	55	195	20
2004	432	371	61	222	20
2005	469	412	57	242	22
2006	506	438	68	258	27
2007	517	448	69	266	26

*Unknown Helmet Use Was Proportionally Distributed Across Known Helmet Use

**Lives Saved Estimates

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Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%
Occupants	Passenger Car	1,876	15	1,738	15	1,801	14	1,737	14	1,618	14
	Light Truck - Pickup	460	4	420	4	418	3	464	4	401	4
	Light Truck - Utility	415	3	427	4	447	4	410	3	419	4
	Light Truck - Van	183	1	197	2	229	2	151	1	156	1
	Light Truck - Other	3	0	4	0	2	0	0	0	1	0
	Large Truck	41	0	50	0	41	0	43	0	46	0
	Bus	2	0	0	0	7	0	3	0	2	0
	Other/Unknown Occupants	24	0	32	0	32	0	36	0	34	0
	Total Occupants	3,004	24	2,868	24	2,977	24	2,844	23	2,677	23
Motorcyclists	Motorcycle	383	3	432	4	469	4	506	4	517	5
Non-Occupants	Pedestrian	704	6	684	6	742	6	719	6	640	6
	Bicyclist and Other Cyclist	106	1	110	1	115	1	141	1	109	1
	Other/Unknown Non-Occupants	27	0	26	0	30	0	30	0	31	0
	Total Non-Occupants	837	7	820	7	887	7	890	7	780	7
Total	Total	4,224	34	4,120	35	4,333	35	4,240	35	3,974	35

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Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
Total Fatalities (All Crashes)	4,224	4,120	4,333	4,240	3,974
- Single Vehicle (1)	2,355	2,369	2,491	2,418	2,314
- Involving a Large Truck (2)	370	415	429	394	363
- Involving Speeding (3)	1,511	1,333	1,473	1,404	1,464
- Involving a Rollover (4)	1,265	1,269	1,247	1,192	1,150
- Involving a Roadway Departure (5)	2,116	2,159	2,200	2,159	2,023
- Involving an Intersection (or Intersection related) (6)	904	865	936	855	845

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

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Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2003	18	89	81	100	65	21	374
2004	31	113	99	93	60	28	424
2005	28	138	87	105	82	32	472
2006	27	135	94	126	90	29	501
2007	13	160	102	113	85	34	507

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Motorcyclist Fatalities Per 100,000 Registered Motorcycles*

Year	Motorcyclist Fatalities	Total Motorcycle Registrations	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	374	562,176	66.53
2004	424	626,529	67.67
2005	472	675,336	69.89
2006	501	726,096	69.00
2007	507		

*Data Source: FHWA

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Top 10 Counties for Fatalities and Fatality Rates

Top 10 Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Los Angeles County	756	7.65
2	San Bernardino County	358	17.83
3	Riverside County	321	15.48
4	San Diego County	292	9.82
5	Orange County	192	6.41
6	Fresno County	159	17.68
7	Kern County	156	19.73
8	Sacramento County	140	10.10
9	San Joaquin County	107	15.95
10	Alameda County	101	6.90

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Alpine County	2	174.7
2	Trinity County	15	105.8
3	Inyo County	10	57.31
4	Colusa County	11	51.64
5	Glenn County	14	49.80
6	Amador County	15	38.78
7	Calaveras County	17	36.29
8	Del Norte County	10	34.46
9	Siskiyou County	15	33.86
10	Mariposa County	6	33.27

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Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates

Top 10 Alcohol-Impaired Driving Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Los Angeles County	215	2.17
2	Riverside County	113	5.43
3	San Diego County	100	3.37
4	San Bernardino County	80	3.97
5	Orange County	58	1.93
6	Fresno County	57	6.32
7	Kern County	42	5.30
8	San Joaquin County	39	5.84
9	Sacramento County	35	2.52
10	Alameda County	28	1.90

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Trinity County	8	55.72
2	Amador County	7	17.58
3	Calaveras County	8	17.08
4	Glenn County	5	17.08
5	Colusa County	3	14.08
6	Del Norte County	4	13.44
7	Madera County	17	11.67
8	Mariposa County	2	11.64
9	Tuolumne County	6	10.75
10	Inyo County	2	9.17

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